

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1 - 19. (Cancelled)

20. (Withdrawn) A method for generating EHV which comprises infecting a suitable cell line with the artificial chromosome vector according to claim 26, allowing the vector to replicate and shed virus, collecting the shed virus and purifying the collected virus.

21. (Withdrawn) A method for generating an attenuated EHV which comprises modifying by molecular biology techniques the EHV sequence contained in an artificial chromosome vector according to claim 26.

22. (Withdrawn) The method according to claim 26 wherein a foreign sequence of another viral, bacterial or parasitic pathogen is added to the artificial chromosome vector.

23. (Withdrawn) A method for generating a virulent EHV which comprises modifying by molecular biology techniques the EHV sequence contained in an artificial chromosome vector according to claim 26.

24. (Withdrawn) The method according to claim 23 wherein a foreign sequence of another viral, bacterial or parasitic pathogen is added to the artificial chromosome vector.

25. (Cancelled)

26. (Currently Amended) A bacterial artificial chromosome vector as characterized in that it comprises essentially the entire genome of the Ra-11 strain of EHV-1 deposited under ECACC accession No. 01032704.

27. (Currently Amended) The bacterial artificial chromosome vector according to claim 26, wherein said bacterial artificial chromosome vector as deposited under ECACC accession No. 01032704 further lacks a sequence coding for ~~characterized in that the EHV strain is lacking the~~ glycoprotein gM.

28. (Currently Amended) The bacterial artificial chromosome vector of claim 26, wherein a foreign sequence of another viral, bacterial or parasitic pathogen is added to ~~said the~~ bacterial artificial chromosome vector as deposited under ECACC accession No. 01032704.

29. (Currently Amended) A polynucleotide encoding an artificial chromosome vector, which vector is characterized in that it comprises ~~essentially~~ the entire genome of an EHV strain deposited under ECACC accession No. 01032704.